



## Diamond AMD Radeon R9 280X Graphic Card with Diamond Boost Specification Sheet

### Product Information

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<b>Series:</b>	Radeon R9
<b>GPU:</b>	280X
<b>Product Description:</b>	Diamond Boost AMD R9 280X PCIE GDDR5 3GB Memory Graphics Video Card
<b>Model:</b>	R9280XD53GXOC
<b>PN Number:</b>	100022
<b>UPC Number:</b>	757448023671
<b>Case Quantity:</b>	5
<b>Case Dimensions:</b>	14.0 x 14.0 x 12.0
<b>Master Case WT:</b>	17Lbs.
<b>Warranty:</b>	One Year Standard Warranty and Two Year Warranty with Registration
<b>Target Audience:</b>	Enthusiast/Gamers

### Specifications

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- **Memory:** 3GB GDDR5
- **Memory Interface:** 384-bit
- **Bus Interface:** PCI Express 3.0 x16
- **Core Clock:** 850 MHz (1000 MHz with Diamond Boost)
- **Memory Clock:** 1500 MHz x 4 (6000 MHz)
- **Video Outputs:** DVI-I, HDMI and Two Min Display Ports
- **Maximum Simultaneous Supported Displays:** 3
- **Board size:** Full Height Dual Slot  
12.2 (L) x 5.9 (H) x 1.6 (W) Inches
- **Box Dimensions** 14.125 x 10.375 x 3.125 Inches
- **Product weight:** 2.2Lbs.
- **Product weight with content:** 4.0Lbs.
- **Direct X Support:** 11.2

- **Open GL support:** 4.3
- **AMD Eyefinity:** Yes
- **AMD App Acceleration:** Yes
- **AMD HD3D Technology:** Yes
- **AMD Cross Fire:** Yes
- **DisplayPort 1.2 HBR:** Yes
  - Max resolution 4096 x 2160 per display
  - Quad HD/4K video support
- **HDMI ®** Yes
  - Max resolution 4096 x 2160
  - Quad HD/4K video support
- **Dual Link DVI:** Yes
  - HDCP Support
  - Max resolution 2560 x 1600
- **Single Link DVI:** Yes
- **VGA:** Yes, with DVI to VGA Converter
- **Integrated Audio Controller:** Yes
- **AMD Power Play:** Yes
- **AMD Power Tune:** Yes
- **AMD ZeroCore Power:** Yes

## Package Contents

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- Diamond AMD R9 280X PCIE GDDR5 3GB Memory Graphics Video Card
- Quick Installation Guide
- Installation CD
- Crossfire connector

## System Requirements

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- PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard
- 750W (or greater) power supply with two 150W 8-pin PCI Express power connectors recommended
  - 1000W (or greater) power supply with four 150W 8-pin PCI Express power connectors recommended for AMD CrossFire™ technology in dual mode.
- The operation of AMD CrossFire™ technology in dual mode requires a second AMD Radeon™ R9 280X graphics card and an AMD CrossFire™ Ready motherboard.
- Minimum 4GB of system memory
  - 8GB (or more) system memory recommended for AMD CrossFire™ technology
- Installation software requires CD-ROM drive
- DVD playback requires DVD drive
- Blu-ray™ playback requires Blu-ray drive Windows Vista®, Windows® 7, Windows 8 or Windows 8.1 operating system. 64-bit operating system highly recommended.